

What is claimed is:

1. A processing medium conveying device comprising:

a plurality of processing units;

5 a specifying unit that specifies at least one of processing conditions including processing paths and characteristics of a processing medium, each processing path being defined by a combination of two or more of the processing units;

10 a status detecting unit that detects status of each processing unit;

a determining unit that determines based on the detected status whether a process according to the specified processing condition is performable;

15 a selecting unit that selects a plurality of the processing paths based both on the detected status and on the specified processing condition when the determining unit determines that the process is not performable;

an error detecting unit that detects all errors that will occur on the selected processing paths;

20 a memory that stores resolution methods for clearing errors;

a displaying unit; and

25 a controller that reads resolution methods for clearing the detected errors from the memory and displays at least one of the resolution methods read from the memory on

the displaying unit as a comprehensive resolution method.

2. The processing medium conveying device according to claim 1, wherein the processing units include a plurality of process units and a passage unit that transports the processing medium between two of the process units.

3. The processing medium conveying device according to claim 1, further comprising a second memory that stores capacity of the processing units, wherein the error detecting unit detects errors based on the detected status, on the capacity stored in the second memory, and on the specified processing condition.

4. The processing medium conveying device according to claim 3, further comprising an updating unit that updates the capacity stored in the second memory when the capacity changes.

5. The processing medium conveying device according to claim 1, wherein the controller displays at least one of data regarding the processing paths and data regarding the errors along with the comprehensive resolution method on the displaying unit.

6. The processing medium conveying device according to claim 5, wherein the data regarding the processing paths is data regarding the processing units defining the processing paths on which errors were detected.

7. The processing medium conveying device according to

claim 5, wherein the data regarding the errors is data regarding the type of error.

8. The processing medium conveying device according to claim 1, wherein when there are a plurality of comprehensive resolution methods, the controller displays the comprehensive resolution method on the displaying unit according to priority levels of the comprehensive resolution methods.

9. The processing medium conveying device according to claim 8, wherein the first memory stores a priority level of each resolution method; and

the controller displays the comprehensive resolution methods according to priority levels obtained by calculating priority levels of the resolution methods.

10. The processing medium conveying device according to claim 9, wherein each priority level of the resolution method is a number of steps to clear the corresponding error.

11. The processing medium conveying device according to claim 9, further comprising a changing unit that changes the priority levels stored in the first memory.

12. The processing medium conveying device according to claim 8, wherein the controller displays the comprehensive resolution methods and the priority levels of the comprehensive resolution methods on the displaying unit.

13. The processing medium conveying device according

to claim 8, wherein:

the specifying unit further specifies an ignorable processing condition through operations of the user;

5 the selecting unit selects the plurality of the processing paths based further on the ignorable processing condition;

the controller displays the comprehensive resolution method on the displaying unit based further on the ignorable processing condition; and

10 the comprehensive resolution methods are classified into a complete method and a limited method, each complete method providing a method to clear all the errors on a corresponding processing path, each limited method providing a method to clear the errors on a corresponding processing
15 path excluding an unresolved error that is related to the ignorable processing condition.

14. The processing medium conveying device according to claim 13, wherein the priority level of the complete method is higher than the priority level of the limited
20 method.

15. The processing medium conveying device according to claim 13, wherein a priority level of a limited method for a processing path having a fewer number of unresolved errors is higher than a priority level of a limited method
25 for a processing path having a larger number of unresolved

errors.

16. The processing medium conveying device according to claim 13, wherein the controller displays, on the display unit, data regarding the ignorable processing condition
5 along with the limited method.

17. The processing medium conveying device according to claim 1, wherein the specifying unit further specifies a desired number; and

the comprehensive resolution methods are classified
10 into a complete method and a limited method, each complete method providing a method to clear all the errors on a corresponding processing path, each limited method providing a method to clear the errors on a corresponding processing path excluding a number of unresolved errors equal to or
15 less than the desired number.

18. The processing medium conveying device according to claim 1, wherein each comprehensive resolution method requires one or more steps, and the controller identifies a comprehensive resolution method that requires all steps
20 required by other comprehensive resolution method and displays the comprehensive resolution methods on the displaying unit excluding the identified comprehensive resolution method.

19. A processing medium conveying device comprising:
25 a plurality of processing units;

a specifying unit that specifies at least one of processing conditions including processing paths and characteristics of a processing medium, each processing path being defined by a combination of two or more of the processing units;

a status detecting unit that detects status of each processing unit;

a determining unit that determines based on the detected status whether a process according to the specified processing condition is performable;

a selecting unit that selects a plurality of the processing paths based both on the detected status and on the specified processing condition when the determining unit determines that the process is not performable;

an error detecting unit that detects an error that will occur on the processing paths, the error detecting unit detecting at least one error on each of the selected processing paths;

a first memory that stores resolution methods for clearing errors;

a displaying unit; and

a controller that reads, from the first memory, a plurality of resolution methods each for a corresponding one of the detected errors and displays a plurality of comprehensive resolution methods on the displaying unit

based on the read resolution methods.

20. The processing medium conveying device according to claim 19, wherein the processing units include a plurality of process units and a passage unit that
5 transports the processing medium between two of the process units.

21. The processing medium conveying device according to claim 19, further comprising a second memory that stores capacity of the processing units, wherein the error
10 detecting unit detects errors based on the detected status, on the capacity stored in the second memory, and on the specified processing condition.

22. The processing medium conveying device according to claim 19, wherein the controller displays the
15 comprehensive resolution methods on the displaying unit according to priority levels of the comprehensive resolution methods.

23. The processing medium conveying device according to claim 19, wherein each comprehensive resolution method
20 requires one or more steps, and the controller identifies a comprehensive resolution method that requires all steps required by other comprehensive resolution method and displays the comprehensive resolution methods on the
displaying unit excluding the identified comprehensive
25 resolution method.

24. An image forming device comprising:
the processing medium conveying device of claim 1,
wherein

the processing units of the processing medium
5 conveying device include:

a printing unit that prints images on a processing
medium;

a supplying unit that supplies the processing
medium to the printing unit; and

10 a discharging unit onto which the processing
medium is discharged after the processing medium has been
printed in the printing unit.

25. An image forming device comprising:

the processing medium conveying device of claim 19,
15 wherein

the processing units of the processing medium
conveying device include:

a printing unit that prints images on a processing
medium;

20 a supplying unit that supplies the processing
medium to the printing unit; and

a discharging unit onto which the processing
medium is discharged after the processing medium has been
printed in the printing unit.

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